Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 01 Jan 2023 until 23:59 on Monday 02 Jan 2023

Forecast Issued on Sunday 01 Jan 2023 at 03:21

Confidence: High for a generally unsettled and often mild start to the New Year, and for best conditions likely to be on Monday, Although summits still chilly at times. Lower for details regarding cloud and timing of precipitation, especially Tuesday onward.

Headline for Sunday 01 Jan 2023: Early rain breaking to showers, but staying rather cloud. Strong winds easing

Mountain weather hazards on Sunday 01 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Light rain	Dull	Dull
Precipitation probability					
70%	60%	50%	40%	30%	20%

Forecast for Sunday 01 Jan 2023

Weather: Rather cloudy with early rain breaking to more showery bursts through the day. Showers easing towards midnight, becoming both lighter and increasingly isolated.

Chance of cloud-free hill tops above 600m: 60% in east and 20% in west.

Low Cloud and visibility: Periods of cloud expected above 400m in the west, and 600m in the east. Away from cloud visibility generally good or very good falling to several km in heavier rain or showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Sunday 01 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	31/41 SW	18/25 SW	20/29 SW	19/26 SW	17/24 SW	16/23 SW	15/20 SW
300	18/37 SW	7/19 SW	12/26 SW	11/23 SW	9/22 SW	11/23 SW	8/17 SW
Valley	13/32 SW	5/16 SW	11/25 S	9/22 SW	8/19 SW	8/18 SW	5/13 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	3/-3	3/-3	3/-2	2/-3	2/-3	2/-3
300	5/0	5/2	5/1	5/2	5/1	4/1	4/1
Valley	6/3	6/4	6/3	6/4	6/3	5/3	5/3
Freezing Level*	1000m	1000m	1000m	1000m	1000m	1000m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Chance of gales across the tops at first. These gradually easing through the day, but still feeling cold in the brisk winds, Difficult navigation likely across highest summits.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 01 Jan 2023	25.4mm	38.4mm	41.4mm

Forecast for Monday 02 Jan 2023

Weather: Clear spells and showers through the early hours, with snow possible above 600m, but easing through the morning. A largely dry day with long sunny periods follows. Staying dry with clear spells during the evening, although winds strengthening.

Maximum wind: Westerly 10-15mph, then gradually backing during the evening to southerly 20-25mph by dusk.

Chance of cloud-free hill tops above 600m: 60% at first, becoming near 100% by mid-morning.

Low Cloud and visibility: Patches of cloud obscuring routes and tops above 600m at first, but soon lifting above summits. Otherwise visibility very good throughout, but down to a few km in any early showers.

Temperature: **Valleys:** Minus 2 Celsius rising to Plus 8 Celsius.
At 600m: Minus 1 Celsius
Freezing level: Falling to 600m, before rising above summits again during the evening.

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